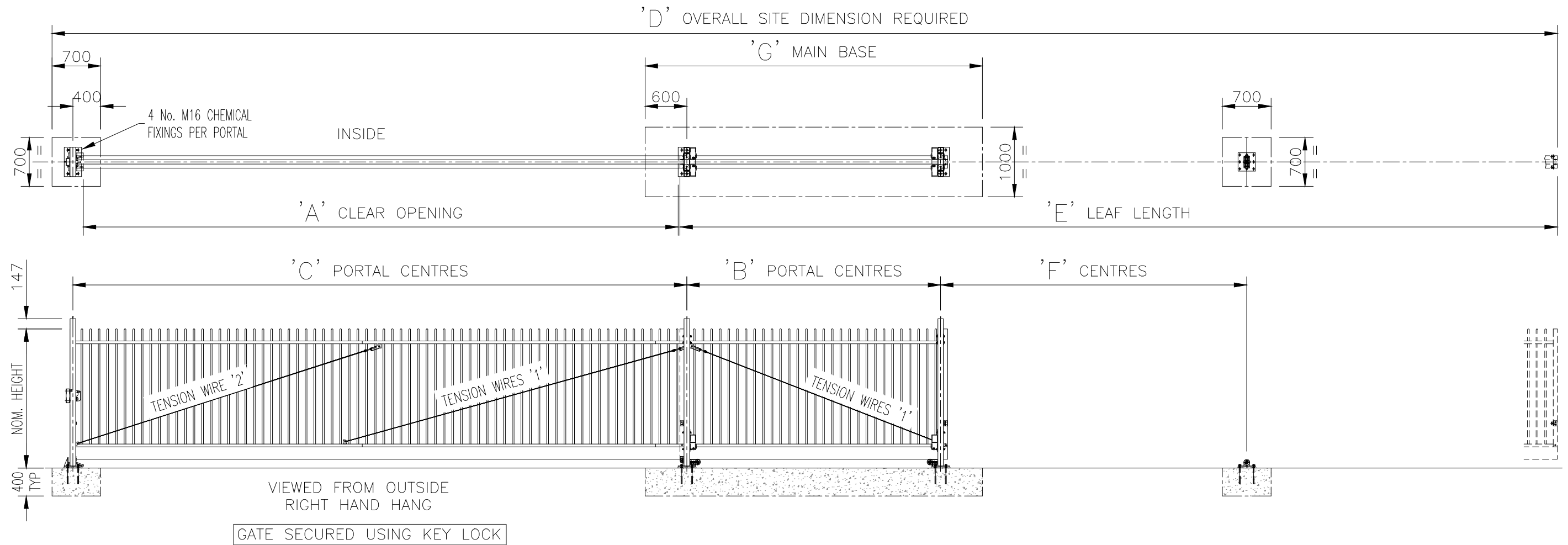


REFER TO DRAWING J1/03087 FOR INSTALLATION DETAILS & PROBLEM SOLVING
 REFER TO DRAWING J1/03095 FOR TYPICAL PERT LAYOUT DETAILS

REFER TO DRAWING J1/03118 FOR 129 PITCH IF ABOVE 2m HIGH



	NOMINAL OPENING SIZE	2m	2.5m	3m	3.5m	4m	4.5m	5m	5.5m	6m	6.5m	7m	7.5m	8m	8.5m	9m	9.5m	10m
'A'	ACTUAL CLEAR OPENING	2051	2551	3051	3551	4051	4551	5051	5551	6051	6551	7051	7551	8051	8551	9051	9551	10051
'B'	HANG PORTAL CENTRES	1220	1216	1212	1456	1576	1696	1940	2184	2428	2424	2668	2912	3404	3648	3768	4012	4752
'C'	HANG/CLOSE PORTAL CENTRES	2326	2826	3326	3826	4326	4826	5326	5826	6326	6826	7326	7826	8326	8826	9326	9826	10326
'D'	OVERALL SITE DIMENSION	6212	7208	8204	9448	10568	11688	12932	14176	15420	16416	17660	18904	20396	21640	22760	24004	25744
'E'	TOTAL LEAF LENGTH	3686	4182	4678	5442	6042	6662	7406	8150	8894	9390	10134	10878	11870	12614	13234	13978	15218
'F'	SUPPORT WHEEL CENTRES	1250	1500	1750	1900	2100	2350	2650	2900	3150	3400	3650	3900	4150	4400	4700	4900	5000
'G'	MAIN BASE SIZE	2420	2416	2412	2656	2776	2896	3140	3384	3628	3624	3868	4112	4604	4848	4968	5212	5952
	TENSION WIRE REQUIRED	NONE	NONE	NONE	NONE	NONE	1	1	1	1	1	1	1	1	1 & 2	1 & 2	1 & 2	1 & 2

NOTES.
 ALL DIMENSIONS ARE IN mm (UNO)
 FOUNDATION SIZES ARE THE MINIMUM REQUIRED ASSUMING GROUND BEARING CAPACITY OF 100kN/m²
 DEVIATION FROM DATUM LEVEL AT TOP OF GATE FOUNDATIONS NOT TO EXCEED ±10
 NOMINAL RUNNING CLEARANCE UNDER GATE IS 125mm
 M16 STUDDING TO BE LEFT 75mm ABOVE FOUNDATION LEVEL
 M16 NUTS SHOULD BE INSTALLED ABOVE & BELOW BASEPLATES
 ALLOW 20mm GROUT FOR LEVELLING PORTALS
MATERIALS.
 PORTALS: 80 x 80 x 3.6 SHS
 RUNNING TUBE: ø178 x 5 CHS
 RAILS: 60 x 40 x 2 RHS
 STILES: 60 x 60 x 2 SHS
 PALES: ø25 x 1.5 CHS
 TUBES, RAILS, PALES & POSTS UPTO 60 x 60 x 2 etc M.STEEL ERW to BS. EN 10305 PT 3/5 E220 + CR2 + S1 BLACK MATERIAL
 GATE POSTS & POSTS LARGER THAN 60 x 60 x 2 EN 10219 - S235JR
 ANGLE IRON & FLAT BAR BS EN 10025 - S275JR
 CHANNELS etc BS EN 1002 - S275JR
FINISH.
 GALVANISED TO BS EN ISO 1461
 POWDER COATED: IF REQUESTED
 STANDARD HEIGHTS INCLUDE 1.25m, 1.5m, 1.8m, 2m

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DO NOT SCALE - IF IN DOUBT ASK

Drawn WB
 Date 15/04/14
 Checked CJ
 Size A3
 Scale NTS U.O.S

TITLE BARBICAN CANTILEVER SLIDING SINGLE GATE
 IMPERIAL 124 PITCH MANUAL CRIB SHEET

CUSTOMER
 Drawing No.
J1/03119
 Sheet 1 of 18
 ACK No.

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